RAX/RCX TYPE A DUPLEX INTERCOM

MODELS: **RA-A, RA-B, RA-D, RA-C,**

Master, Open voice with handset

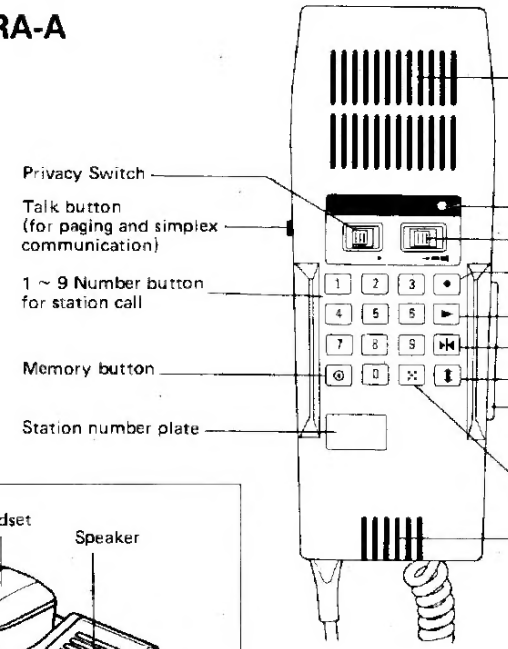
Master, Open voice (Flush-mount)

Master, Speaker-phone type

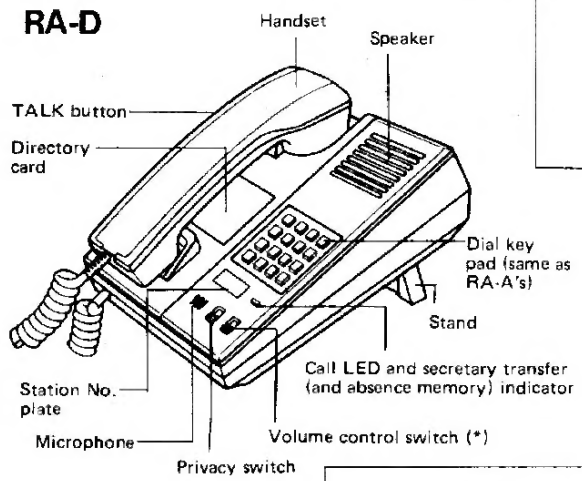
Sub, Open voice (Flush-mount)

OPERATION INSTRUCTIONS

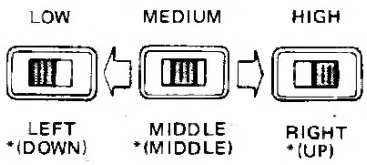
RA-A


Speaker
Privacy Switch
Talk button (for paging and simplex communication)
1 ~ 9 Number button for station call
Memory button
Station number plate
Call LED and secretary transfer (and absence memory) indicator
Volume control switch
OFF button
Master-to-Sub call button
Privacy temporary release button
Talk button (for paging and simplex communication)
Bar switch (for handset private communication and privacy temporary release)
Page button
Microphone

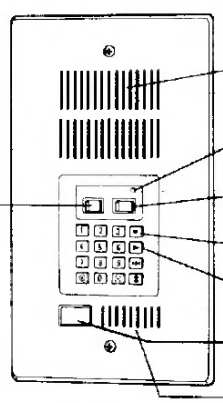
RA-D



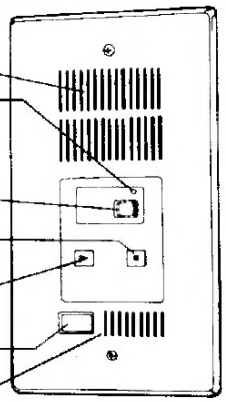
- The call tone & communication volume can be adjusted to three levels.



RA-B



RA-C



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1 CALLING

OPERATION	MODE OF THE CALLED STATION	ACTION
Press digit buttons of desired station. [1] [0] for station No.10 [1] [0] [0] for station No.100	(1) ▬ Single call tone →	Communicate.
	(2) ▮▮▮▮ Busy tone →	Press [•] (OFF) button (or hang up handset in RA-D) to cancell call.
		OR Press [◉] button to leave a request for call back. **(Camp-on busy)**
		OR Press [0] button for urgent break in signal and (for RCX only) press [↕] button to call by voice.
Master/sub communication; *At RA-C sub, simply press [►] button to call master. *At master, press [►] button (and, in RCX only, a digit button [1] ~ [9]) to call sub.	(3) ▮▮ ▮▮ Network busy tone (in RCX only) →	Press [•] (OFF) button.
	(4) ▬ ▬ Privacy tone →	Wait for station to release from privacy mode.
	(5) ▬ ▬ ▬ Absence tone (in RCX only) →	Press [•] (OFF) button to cancell call.
		OR Press [◉] button to leave a request for call back. **(Camp-on absence)**
		Press [•] (OFF) button or hang up handset in RA-D to end communication.

RECEIVING

MODE OF YOUR STATION	CALLING TONE	ACTION
(1) Non-privacy mode	Single call tone →	Communicate handsfree.
		OR At RA-A, pick up the unit and depress the bar switch for private communication.
		OR At RA-D, pick up handset for private communication.
(2) Privacy mode	Privacy call tone →	Momentarily press [⏭] button and communicate handsfree.
		OR At RA-A, pick up the unit and depress the bar switch for private communication.
		OR At RA-D, pick up handset for private communication.
(3) Communicating with another station	Urgent message break-in signal and call (in RCX only) →	Press [◉] button to place present communication on hold, and reply. ⬇ Press [•] button to restore connection to station on hold.

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2 PRIVACY – To block out incoming calls and prevent monitoring;

*Setting Privacy mode;	Slide PRIVACY Switch to the right position.
*Releasing from Privacy mode;	Slide PRIVACY Switch to the left position.

Note: Setting and releasing from Privacy mode must be made while your station is in standby mode.

3 CALL HOLDING – To place present communication on hold;

*Press [⊙] button.
*Press [•] button to restore connection to station on hold and resume conversation.

4 CALL TRANSFER – To route incoming calls to another station;

(1) Press [⊙] button.
(2) Press number of station where call is to be transferred.

(3) After communication line is established, press [7] button.	(3) After communication line is established, press [⊙] button.

Note: When you have no reply, press [•] button and resume the initial communication.

5 SECRETARY TRANSFER (STATION TRANSFER) – To have any incoming call to you answered by your secretary;

*Setting Secretary Transfer mode; Press [⊙] button and station number of your secretary.
*Cancelling Secretary Transfer mode; Press [⊙] and [0] buttons.

6 SIMPLEX COMMUNICATION – When communicating with a station located in a noisy area;

Press [↕] button to talk and release to listen.

*WHEN YOUR SYSTEM INCLUDES PAGING FUNCTIONS;

7 ALL PAGE – To page all zones in your system through paging speakers;

(1) Press [⁙], [9] buttons.	(1) Press [⁙], [9] buttons (and [⁙] button, if call back is required).

(2) Make announcement while depressing and holding (*) [↕] button.
(3) Wait for call back. OR If call back is not desired, press [•] button.

8 ZONE PAGE – To page one zone in your system through paging speakers;

(1) Press [⁙] and zone number button ([1] ~ [4]).	(1) Press [⁙], zone number button ([1] ~ [4]) (and [⁙] button, if call back is required).

(2) Make announcement while depressing and holding [↕] button.
If talkback is included, release (*) [↕] button to listen.
(3) Wait for call back. OR If call back is not desired, press [•] button.

9 CALL BACK TO PAGING (ALL PAGE/ZONE PAGE)

Press [6] button at the nearest station.	Press [6] and [⁙] buttons at any station (in a zone paged).

(*) In RA-A and RA-D, TALK button in handset works for [↕] (TALK) button on the dial key pad.

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RAX	RCX

10 ALL CALL – To page through all intercom stations;

(1) Press [5] button.	(1) Press [⁙] and [0] button (and [⁙] button, if call back is required).
(2) Make announcement while depressing and holding [↕] button. (*) (3) Wait for call back. OR If call back is not desired, press [•] button.	

11 CALL BACK TO ALL CALL

(1) Press [5] button at the nearest station.	(1) Press [5] and [⁙] buttons at the nearest station.

12 GROUP CALL – To page through a group of intercom stations;

	(1) Press [⁙] and a group number button [5] ~ [8] (and [⁙] button, if call back is required). (2) Make announcement while depressing and holding [↕] button. (*) (3) Wait for call back. OR If call back is not desired, press [•] button.

13 CALL BACK TO GROUP CALL

	(1) Press [5] and [⁙] buttons at any station of a group paged.

*WHEN YOUR SYSTEM INCLUDES DEVICES, SUCH AS INTERNAL/EXTERNAL LIGHTS, DOOR RELEASE ETC.

14 REMOTE OPERATION OF EXTERNAL DEVICES

(1) Press [⁙] button and zone number button ([1] , [2] , [3] or [4]).
(2) Momentarily press [↕] button. (*)
 * If you hear intermittent tone, the external device is in ON mode.
 * If you hear a continuous tone, the external device is in OFF mode.
(3) Depress [0] button to reverse ON/OFF mode of internal/external lights, etc. OR
 Depress and hold [0] button to activate electric door release, etc.
(4) Press [•] button.

15 CONFERENCE CALL – To initiate a conference call;

	(1) Press number button of each station to be included and [⁙] button after each (up to 5 stations). (2) Initiator depresses and holds down (*) [↕] button and begins conversation. (3) The called stations must depress and hold down [↕] button (*) to respond. (4) The called stations press [•] button to get out of the conference. At conclusion of the conference, initiator must press [•] button.

(*) In RA-A and RA-D, TALK button in handset works for [↕] (TALK) button on the dial key pad.

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RAX	RCX

16 ABSENCE MEMORY

– To program your station to remember who called during your absence;

	(1) Press [◉] and [⏭] buttons. (2) Upon your return, red light flickering every other second indicates that you have calls in your station's memory bank.

17 ABSENCE MEMORY CALL BACK

– When you noticed fast flickering red light upon your return;

	(1) Press [◉] button. (2) Press [•] button at completion of your conversation. (3) Repeat process until red light flickers more slowly and all calls have been answered. (4) Absence Memory Clear; Press [◉] and [0] buttons to restore your station to normal operation.

18 MEMORY CLEAR

– To erase all memory functions except privacy (Camp-on busy, Camp-on absence, Absence memory & Secretary transfer)

Press [◉] and [0] buttons and your station returns to normal operation.

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OPERATIONAL FLOW

NO.	FUNCTIONS	RAX	RCX
1	STATION CALL	[No.] [No.]	[No.] [No.] (and [No.] in RCX-88, -128)
	OFF	[•] or Hang up handset. (RA-D)	[•] or Hang up handset. (RA-D)
	CAMP-ON BUSY SET	[⊙]	[⊙]
	CAMP-ON BUSY CLEAR	[⊙] [0]	[⊙] [0]
	URGENT MESSAGE BREAK-IN SIGNAL (and CALL)	[0] (to signal only)	[0] (to signal) → [↕] (to call by voice)
	REPLY TO URGENT MESSAGE BREAK-IN	[⊙]	[⊙]
	MASTER/SUB COMMUNICATION	[►]	[►] (Sub to master) [►] [1~9] (Master to sub)
2	PRIVACY	[■]	[■]
	NON-PRIVACY	[■]	[■]
	TEMPORARY PRIVACY RELEASE	[⏭]	[⏭]
3	CALL HOLDING	[⊙] → [⊙] or [•] (to return)	[⊙] → [•] (to return)
4	CALL TRANSFER	[⊙] [No.] [No.] [7]	[⊙] [No.] [No.] ([No.]) [⊙]
5	SECRETARY (STATION) TRANSFER SET	[⊙] [No.] [No.]	[⊙] [No.] [No.] ([No.])
	SECRETARY (STATION) TRANSFER CLEAR	[⊙] [0]	[⊙] [0]
6	SIMPLEX COMMUNICATION	[↕]	[↕]
7	ALL PAGE (WITH CALL BACK)	[⁙] [9] [↕]	[⁙] [9] ([⁙]) [↕]
8	ZONE PAGE (WITH CALL BACK)	[⁙] [1~4] [↕]	[⁙] [1~4] ([⁙]) [↕]
9	CALL BACK TO PAGING	[6]	[6] [⁙]
10	ALL CALL (WITH CALL BACK)	[5] [↕]	[⁙] [0] ([⁙]) [↕]
11	CALL BACK TO ALL CALL	[5]	[5] [⁙]
12	GROUP CALL (WITH CALL BACK)		[⁙] [5~8] ([⁙]) [↕]
13	CALL BACK TO GROUP CALL		[5] [⁙]
14	REMOTE OPERATION	[⁙] [1~4] [↕] [0]	[⁙] [1~4] [↕] [0]
15	CONFERENCE CALL		(1) [No.] [No.] [⁙] ···(5) [No.] [No.] [⁙] [↕]
16	ABSENCE MEMORY SET		[⊙] [⏭]
17	ABSENCE MEMORY CALL BACK		[⊙]
	ABSENCE MEMORY CLEAR		[⊙] [0]
18	CLEAR MEMORY	[⊙] [0]	[⊙] [0]

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RCX SYSTEM OPTIONS

1 DOOR STATIONS

– To receive a call from up to two door stations at either of up to five programmed master stations;

(1) A call from door station is announced at all programmed master stations by electronic chime.
* If the chime is 4 strokes, the call is from the first door station.
Press [5] [►] buttons.
* If the chime is 2 strokes, the call is from the second door station.
Press [6] [►] buttons.

(2) Talk handsfree. In RA-A, Pick up the unit and hold the bar switch and, in RA-D, pick up handset for private handset communication. When the door station is situated in a noisy area, you may press [↕] (TALK) button to talk and release to listen.

(3) If your system includes a door release, momentarily press [0] button during communication, which activates the timer circuits for opening the door.

(4) Press [•] (OFF) button or hang up handset in RA-D to end communication with door station.

2 ADDITIONAL PAGING/REMOTE CONTROL

To select any YAW adaptor, press [1] [►] buttons.

(1) When continuous mono tone is heard;

Paging with YAW-R or YAW-RA;

Press [⁙] button and an adaptor number button (0 ~ 9) (and a zone number button in YAW-RA 1 ~ 8). Make announcement depressing [↕] button (and release to listen, if talkback is included). Press [•] button at end of announcement.

NOTE:
After selecting an adaptor number for YAW-RA, press zone number buttons (1 ~ 8) in succession for multiple zone page or [◎] button for all page (to 8 zones simultaneously).

Remote operation of controlling ON/OFF of lights or door release, etc.;

Press [⁙] button and an adaptor number button (0 ~ 9) for YAW-S.

* When an intermittent tone is heard, the lighting function is in ON mode.
* When a continuous tone is heard, the lighting function is in OFF mode.

Alternate operation: Momentarily press [◉] button to turn on lights. OR
Momentarily press [⁙] button to turn off lights.

Momentary operation: Press and hold [◉] button down to activate door release, etc.
Press [•] button.

(2) When intermittent tone is heard;

It means other station is operating paging or remote control and the channel is occupied. Press [•] button to disconnect and call later.

NOTES:
1. It is not possible to operate two or more adaptors at the same time.
2. Paging/remote control operations can be made by master stations RA-A, RA-B and RA-D.

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DIRECTORY

SYSTEM

NAME	No.	NAME	No.